

ROUTING AND RECORD SHEET

SUBJECT: (Optional)			
FROM: OC-SP/EA <i>X</i>		NO. SPM 7-580	
		DATE 4 June 1957	
TO: (Officer designation, room number, and building)	DATE		OFFICER'S INITIALS
	RECEIVED	FORWARDED	
1. OC-SP			<i>RJ</i>
2. OC-E		<i>6/5</i>	<i>JP</i>
3.			
4. OC-R/R&D/Lab			<i>CR</i>
5. Note SP keeping			
6. IN-3K -			
7. Do you have			
8. prototype -			
9. If not get one			
10. back from SP.			
11. <i>[Redacted]</i>			<i>RS</i>
12. (Let's turn this			<i>Ref. orig by Sab.</i>
13. "thing" over to Bob Z			
14. as discussed and			
15. get it out of here!)			

<input checked="" type="checkbox"/> F	<input type="checkbox"/> E-1
SEB	SD
MSB	FS
TMB	
RDB	

25X1

Office Memorandum • UNITED STATES GOVERNMENT

TO : Chief, Engineering Division, OC

SPM 7-580
DATE: 4 June 1957

FROM : Chief, Supplemental Programs Division, OC

SUBJECT: Oscillators - IN-3X and IN-1X

REF : ENG 7-464

1. The prototype oscillators forwarded under the reference have been examined and tested and recommendations for those changes required are outlined herewith.

2. The IN-3X fixed frequency reference oscillator has been found satisfactory and completely acceptable in its final prototype form. Fabrication of the complete order is therefore requested.

3. The IN-1X variable frequency audio oscillator has been found acceptable electrically, but certain mechanical deficiencies have been noted. These deficiencies are outlined below and will require correction before the unit can be accepted:

- a. Excessive resettability error:
Gear train has back lash when taken to extremes of tuning range.
- b. Shorting of phone output jack:
Phone output jack is shorted or grounded when cover is tightened by retaining screw.
- c. Undue flexing of key and volume control wires and terminals:
Both connecting wires and terminals of the volume control and micro-switch key are flexed when batteries are inserted or removed.

4. Attached is the Prototype of the IN-1X for your incorporation of the changes required. The IN-3X received under the reference is being retained as a partial delivery of the total order of 10 units.

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Distribution:

Orig & 1 w/att. - Addressee

Attachment: 1 small box

DOCUMENT NO. _____
NO CHANGE IN CLASS. ☐
☐ DECLASSIFIED
CLASS. CHANGED TO: TS S **2010**
NEXT REVIEW DATE: _____
AUTH: HR 70-2
DATE: **2 DEC 1980** REVIEWER: **064540**

~~SECRET~~